

Appln No. 09/866,546

Amdt date March 7, 2005

Reply to Office action of December 7, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for controlling and managing wireless network access for a wireless RF communication device, comprising the steps of:

sequentially attempting to determine whether communications may be established with at least one of a plurality of wireless RF networks;

selecting at least one of the wireless networks; and

establishing communications between the wireless communication device and at least one selected wireless network.

2. (Currently Amended) A multi-mode controller for controlling and managing network access for a wireless RF communication device, comprising:

a network detector for sequentially attempting to determine whether communications may be established with at least one of a plurality of wireless RF networks;

a network selector for selecting at least one of the wireless networks; and

a connection manager for establishing communications between the wireless communication device and at least one selected wireless network.

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3. (Currently Amended) A dual-mode controller for controlling and managing access to networks that operate in accordance with the Bluetooth and HomeRF ~~networks~~ standards, comprising:

a network scanner for sequentially performing ~~Bluetooth~~ network scans in accordance with the Bluetooth standard and ~~HomeRF~~ network scans in accordance with the HomeRF standard;

a network selector for selecting a network that operates in accordance with the Bluetooth ~~network~~ standard or a network that operates in accordance with the HomeRF ~~network~~ standard; and

a connection manager for establishing a connection with the selected ~~Bluetooth or HomeRF~~ network.

4. (Currently Amended) A method for controlling and managing access to networks that operate in accordance with the Bluetooth and HomeRF ~~networks~~ standards, comprising the steps of:

sequentially performing ~~Bluetooth~~ network scans in accordance with the Bluetooth standard and ~~HomeRF~~ network scans in accordance with the HomeRF standard;

notifying a user of availability of a network that operates in accordance with the Bluetooth ~~network~~ standard or a network that operates in accordance with the HomeRF ~~network~~ standard;

selecting a network that operates in accordance with the Bluetooth ~~network~~ standard or a network that operates in accordance with the HomeRF ~~network~~ standard according to user input; and

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establishing a connection with the selected ~~Bluetooth or HomeRF~~ network.

5. (Currently Amended) The method of claim 4 further comprising the step of using common radio circuitry for communications to networks that operate in accordance with the Bluetooth and HomeRF ~~networks~~ standards.

6. (Currently Amended) A dual-mode controller for controlling and managing access to networks that operate in accordance with the Bluetooth and 802.11b ~~networks~~ standards, comprising:

a network scanner for sequentially performing ~~Bluetooth~~ network scans in accordance with the Bluetooth standard and ~~802.11b~~ network scans in accordance with the 802.11b standard;

a network selector for selecting a network that operates in accordance with the Bluetooth ~~network~~ standard or ~~an~~ a network that operates in accordance with the 802.11b ~~network~~ standard; and

a connection manager for establishing a connection with the selected ~~Bluetooth or 802.11b~~ network.

7. (Currently Amended) A method for controlling and managing access to networks that operate in accordance with the Bluetooth and 802.11b ~~networks~~ standards, comprising the steps of:

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sequentially performing ~~Bluetooth~~ network scans in accordance with the Bluetooth standard and ~~802.11b~~ network scans in accordance with the 802.11b standard;

notifying a user of availability of a network that operates in accordance with the Bluetooth ~~network~~ standard or an a network that operates in accordance with the 802.11b ~~network~~ standard;

selecting a network that operates in accordance with the Bluetooth ~~network~~ standard or an a network that operates in accordance with the 802.11b ~~network~~ standard according to user input; and

establishing a connection with the selected ~~Bluetooth or 802.11b~~ network.

8. (Currently Amended) The method of claim 7 further comprising the step of using common radio circuitry for communications to networks that operate in accordance with the Bluetooth and 802.11b ~~networks~~ standards.

9. (Previously Presented) The method of claim 1 comprising sequentially scanning a first network and a second network.

10. (Previously Presented) The method of claim 1 comprising scanning a first network during a first scanning window and scanning a second network during a second scanning window.

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11. (Previously Presented) The method of claim 10 wherein the first scanning window comprises a first predefined time period and the second scanning window comprises a second predefined time period.

12. (Previously Presented) The method of claim 11 wherein the first predefined time period is equal to the second predefined time period.

13. (Previously Presented) The method of claim 10 comprising performing multiple scans during the first scanning window and performing multiple scans during the second scanning window.

14. (Currently amended) The method of claim 13 wherein each scan of the multiple scans during each scanning window is a performed for a predefined time period.

15. (Previously Presented) The multi-mode controller of claim 2 wherein the network detector is configured to sequentially scan a first network and a second network.

16. (Previously Presented) The multi-mode controller of claim 2 wherein the network detector is configured to scan a first network during a first scanning window and scan a second network during a second scanning window.

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17. (Previously Presented) The multi-mode controller of claim 16 wherein the first scanning window comprises a first predefined time period and the second scanning window comprises a second predefined time period.

18. (Previously Presented) The multi-mode controller of claim 17 wherein the first predefined time period is equal to the second predefined time period.

19. (Previously Presented) The multi-mode controller of claim 16 wherein the network detector is configured to perform multiple scans during the first scanning window and perform multiple scans during the second scanning window.

20. (Currently Amended) The multi-mode controller of claim 19 wherein each scan of the multiple scans during each scanning window is performed for a predefined time period.